

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA73RM

This certificate, issued to Ron's Air Service, Inc.

Box 12

Two Buttes, Colorado 81084

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part *21.25 of the Federal Aviation Regulations. *Effective February 1, 1965.

Original Product — Type Certificate Number: A10WE

Make: Weatherly

Model: 201B and 201C

Description of Type Design Change:

Installation of Hartzell HC-B3 (Z, P, R or W) 30-1 hubs with corresponding Hartzell 10160-6, 10152-5½ or 10152-7½ propeller blades in accordance with Ron's Air Service, Inc. Installation Instructions No. 77203.

Limitations and Conditions: The approval of this change in type design applies basically to Weatherly 201B and 201C only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.

Supplemental Type Certificate Addendum No. SA73RM is a part of this Certificate. A copy of this Certificate, STC Addendum No. SA73RM, and Ron's Air Service, Inc. Installation Instructions No. 77203 shall be maintained as part of the permanent records for this modified aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: February 11, 1976

Date reissued:

Date of issuance: May 7, 1976

Date amended:

By direction of the Administrator



(Signature)

Chief, Engineering & Manufacturing Br.

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA73RM

Date: May 7, 1976

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA73RM

The conditions and limitations of Type Certificate Data Sheet No. ALOWE apply except as follows:

This Addendum, which is part of Supplemental Type Certificate No. SA73RM, prescribes conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Fed. Avia. Regulations. A copy of this Addendum shall be maintained as part of the modified aircraft permanent records.

Supplemental Type Certificate Holder: Ron's Air Service, Inc.

I - Model 201B and 201C (Restricted Category) as modified by STC SA73RM.

Engine: Pratt & Whitney R985-AN1, A-3, or AN-14B

Propellers: Hartzell HC-B3 (Z, P, R or W) 30-1 hub with corresponding Hartzell 10160-6, 10152-5 $\frac{1}{2}$ or 10152-7 $\frac{1}{2}$ blades.

Propeller Limits:

<u>Hub Model</u>	<u>Blade Model</u>	<u>Max. Dia. Inches</u>	<u>Min. Dia. Inches</u>	<u>Pladard</u>
HC-B3Z30-1	10152-5 $\frac{1}{2}$	95 $\frac{1}{2}$	95 $\frac{1}{2}$	None
"	10152-7 $\frac{1}{2}$	93 $\frac{1}{2}$	93 $\frac{1}{2}$	Yes (See Note 2)
"	10160-6	95	95	Yes (See Note 2)
HC-B3P30-1	P10152-5 $\frac{1}{2}$	95 $\frac{1}{2}$	95 $\frac{1}{2}$	None
"	P10160-6	95	95	Yes (See Note 2)
HC-B3R30-1	R10152-5 $\frac{1}{2}$	95 $\frac{1}{2}$	95 $\frac{1}{2}$	None
"	R10160-6	95	95	Yes (See Note 2)
HC-B3W30-1	W10152-5 $\frac{1}{2}$	95 $\frac{1}{2}$	95 $\frac{1}{2}$	None
"	W10152-7 $\frac{1}{2}$	93 $\frac{1}{2}$	93 $\frac{1}{2}$	Yes (See Note 2)
"	W10160-6	95	95	Yes (See Note 2)

NOTE 1: The following pitch settings at the 42" Station is required for the above listed propellers:

17° Low 26.5° High

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SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA73RM (Continued)

NOTE 2: The following placard must be installed on the instrument panel in full view of the pilot when Hartzell 10160-6 or 10152-7 $\frac{1}{2}$ propeller blades are installed:

"AVOID CONTINUOUS OPERATION BETWEEN 1600 AND
1800 RPM"

- END -

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

FAA FORM 8110-2-1 (10-69)

This certificate may be transferred in accordance with FAR 21.47.

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